

Abstract

A solid state laser pumping module (1) is so constructed as to have a plate-shaped non-doped medium (4) having a refractive index close to that of a thin solid state laser medium (3) and having no active material, the non-doped medium being disposed on a surface of the thin solid state laser medium (3) which is opposite to a reflecting surface of the thin solid state laser medium (3). Pumping light is reflected between the reflecting surface of the thin solid state laser medium (3) and a reflecting surface of the non-doped medium (4) arranged on a side of the opposite surface of the thin solid state laser medium (3) while pumping the thin solid state laser medium (3). A laser beam is taken out of the thin solid state laser medium.